

*A9*

*Comm.*

a transmitter associated with the storage unit and configured to transmit a first signal upon detection of the fire condition;

at least one receiver configured to detect the first signal and configured to provide a second signal indicating detection of the fire condition; and

a fire suppression device configured to discharge a fire suppressant material into the storage unit upon detection of the fire condition.

*all sub. B1*

~~3. (Amended) A system according to claim 2, wherein each of the storage units is located at a predetermined position relative to the individual receiver associated with the storage unit.~~

*all sub. B1*

~~6. (Amended) A system according to claim 2, wherein at least some of the storage units are pallets including blankets for storing the freight.~~

*Sub. B1*

~~18. (Amended) A fire suppression and indication system for use in an aircraft, the aircraft having a cockpit, a control panel in the cockpit, and a storage area, the system comprising:~~

*A10  
cont.*

~~a plurality of storage units for storing freight, the storage units being located at predetermined positions in the storage area;~~

~~a transmitter associated with each storage unit and configured to transmit a first signal upon detection of the fire condition;~~

~~at least one receiver configured to detect the first signal and configured to provide a second signal indicating detection of the fire condition; and~~

~~a fire suppression device configured to discharge a fire suppressant material into the storage unit upon detection of the fire condition.~~

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

*A13*  
*Contd.*

19. (Amended) A system according to claim 18, wherein the fire suppression device includes a source of pressurized fire suppressant material and an application mechanism associated with one of the predetermined positions, the application mechanism being arranged between one of the storage units and the source and configured to apply the fire suppression device to the storage unit upon detection of the fire condition.

*A13 sub. B1*

23. (Amended) A system according to claim 18, wherein at least one of the storage units is a pallet including a fire resistant blanket, and the fire suppression device is arranged below the fire resistant blanket.

*A14 sub. B1*

26. (Amended) A system according to claim 25, wherein the control unit transmits a fourth signal to the fire suppression device to discharge the fire suppressant material into the storage unit.

*sub. B1*

43. (New) A system for detecting and suppressing a fire condition in a storage unit in a storage area, the system comprising:

a transmitter associated with the storage unit and configured to transmit a first signal upon detection of the fire condition, wherein the first signal is an infrared signal;

*A15*  
*Cont.*

at least one receiver configured to detect the first signal and configured to provide a second signal indicating detection of the fire condition; and

a fire suppression device configured to discharge a fire suppressant material into the storage unit upon detection of the fire condition.

44. (New) A system according to claim 43, wherein there are a plurality of storage units, a plurality of transmitters, and a plurality of receivers, and wherein

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

*A/5*

an individual transmitter and an individual receiver are associated with each of the plurality of storage units.

45. (New) A system according to claim 44, wherein each of the storage units is located at a predetermined position relative to the individual receiver associated with the storage unit.

46. (New) A system according to claim 45, wherein the second signal from a receiver is provided to a control panel that in response to the second signal identifies the storage unit experiencing the fire condition.

47. (New) A system according to claim 44, wherein at least some of the storage units are containers.

48. (New) A system according to claim 44, wherein at least some of the storage units are pallets including blankets for storing freight.

49. (New) A system according to claim 43, wherein the fire suppression device comprises a pressurized vessel located within the storage unit, the vessel containing the fire suppressant material within the vessel; and a fire detection component that activates the discharge of the fire suppressant material into the storage unit upon detection of a fire condition.

50. (New) A system according to claim 43, wherein the transmitter includes a bimetallic switch configured to close upon detection of the fire condition.

51. (New) A system according to claim 44, where the fire suppression device includes a source of pressurized fire suppressant material and a popup device disposed between one of the storage units and the source, the popup device

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

being configured to apply the fire suppressant material to the storage unit upon detection of the fire condition.

52. (New) A fire suppression and indication system for use in an aircraft, the aircraft having a cockpit, a control panel in the cockpit, and a storage area, the system comprising:

a plurality of storage units for storing freight, the storage units being located at predetermined positions in the storage area;

a transmitter associated with each storage unit and configured to transmit a first signal upon detection of the fire condition, wherein the first signal is an infrared signal;

at least one receiver configured to detect the first signal and configured to provide a second signal indicating detection of the fire condition; and

a fire suppression device configured to discharge a fire suppressant material into the storage unit upon detection of the fire condition.

53. (New) A system according to claim 51, wherein the fire suppression device includes a source of pressurized fire suppressant material and an application mechanism associated with one of the predetermined positions, the application mechanism is arranged between one of the storage units and the source and configured to apply the fire suppression device to the storage unit upon detection of the fire condition.

54. (New) A system according to claim 52, wherein at least one of the storage unit is a container with a base including a hole, and the application mechanism

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

includes a valve aligned with the hole, such that the fire suppressant material is discharged into the container through the hole in the base.

*A/5*  
55 ~~54~~. (New) A system according to claim 51, wherein the storage unit is a pallet including a fire resistant blanket, and the fire suppression device is arranged below the fire resistant blanket.

*Coll.*  
56 55. (New) A system according to claim 51, further comprising a control unit configured to receive the second signal and the control unit is configured to determine the origin of the first signal based on the second signal.

57 ~~56~~ 56. (New) A system according to claim ~~55~~ 56, wherein the control unit transmits a third signal to a control panel indicating the origin of the first signal.

58 ~~57~~ 57. (New) A system according to claim ~~56~~ 57, wherein the control unit transmits a fourth signal to the fire suppression device to discharge the fire suppressant material into the container.--

#### REMARKS

Currently claims 1-27 and 41-57 are pending in this application. Claims 28-40 have been withdrawn from consideration by the Examiner. By this amendment, the specification has been amended to correct some minor typographical errors; claims 28-40 have been canceled, without prejudice or disclaimer, to advance prosecution of this application; and claims 1, 3, 6, 18, 19, 23, and 26 have been amended. New claims 43-57 have been added and each of these claims is directed to at least the system elected in the Response to Restriction Requirement filed on August 15, 2002. No new matter has been added.

As an initial issue, Applicants note that the Examiner failed to acknowledge Applicants' claim to domestic priority under 35 U.S.C. § 119(e) to provisional application

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)